

Converting Colors

XYZ(71.2393, 83.5292, 27.4070)

Have a look what the booklet for
XYZ(71.2393, 83.5292, 27.4070)
contains.

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Color

**XYZ(71.2393, 83.5292,
27.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F26F
RGB	242, 242, 111
RGB Percent	95%, 95%, 44%
CMY	0.0510, 0.0510, 0.5647
CMYK	0.00, 0.00, 0.54, 0.05
HSL	60°, 83%, 69%
HSV	60°, 54%, 95%
XYZ	71.2393, 83.5292, 27.4070
YIQ	227.0660, 42.0510, -40.7410

Conversions

Conversions Part 2

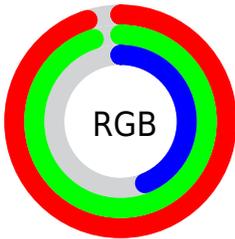
Format	Color
R _Y B	111, 242, 111
Decimal	15921775
CIE Lab	93.25, -16.70, 62.08
CIE LCh	93, 64.284, 105.061
Yxy	83.5292, 0.3910, 0.4585
Android (android.graphics.Color)	4294111855 (0xFFFF2F26F)
YUV	227.0660, -57.2205, 13.0971
Hunter-Lab	91.3943, -20.8043, 46.1963

Details

The XYZ color **71.2393, 83.5292, 27.4070** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **28.2698, 21.1611, 86.6040**, and the grayscale version is **73.4454, 77.2703, 84.1474**.

A 20% lighter version of the original color is **83.8829, 95.5332, 50.0950**, and **37.8012, 45.4706, 10.5258** is the 20% darker color. If you saturate the color by 10%, you get **70.0836, 83.0699, 21.3150**, and if you desaturate by 10%, it is **72.7599, 84.1405, 35.4031**.

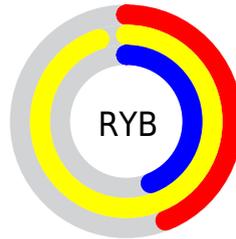
Distribution



Red (95%)

Green (95%)

Blue (44%)



Red (44%)

Yellow (95%)

Blue (44%)

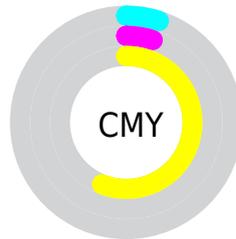


Cyan (0%)

Magenta (0%)

Yellow (54%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2393, 83.5292, 27.4070 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.2393, 83.5292, 27.4070 by changing the saturation by 10% instead.

71.2393, 83.5292,
27.4070

71.2393, 83.5292,
27.4070

454.0884,
506.7485, 303.4447

52.8207, 62.6268,
17.6440

119.9911,
138.3164, 56.5479

37.8866, 45.5394,
10.5279

151.0550,
172.9700, 76.7629

26.0715, 31.8825,
5.6402

187.0647,
212.9761, 101.2990

17.0101, 21.2718,
2.5623

228.3857,
258.7192, 130.5748

10.3370, 13.3228,
0.8729

275.3831,
310.5836, 165.0086

5.6870, 7.6512,
0.0000

328.4225,

2.6945, 3.8726,

368.9536, 205.0192

0.0000

387.8691,
434.2138, 251.0250

■ 0.9944, 1.6025,
0.0000

■ 0.0000, 0.3593,
0.0000

■ 71.2393, 83.5292,
27.4070

■ 71.2393, 83.5292,
27.4070

■ 70.0836, 83.0699,
21.3150

■ 72.7599, 84.1405,
35.4031

■ 69.2571, 82.7393,
16.9646

■ 74.6660, 84.9030,
45.4381

■ 68.7269, 82.5271,
14.1749

■ 76.9836, 85.8301,
57.6405

■ 68.4507, 82.4166,
12.7229

■ 79.7350, 86.9307,
72.1266

 68.3698, 82.3842,
12.2983

 82.9406, 88.2130,
89.0046

 86.4245, 89.6066,
107.3485

 86.4249, 89.6069,
107.3485

 86.4254, 89.6071,
107.3485

 86.4258, 89.6073,
107.3486

Harmonies

Analogous

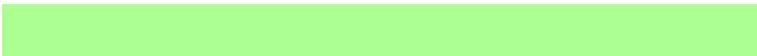
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0726, 83.5292, 27.3840



71.2393, 83.5292, 27.4070



58.5285, 83.5292, 39.7556

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2393, 83.5292, 27.4070



58.5684, 83.5292, 174.0720



115.1341, 83.5292, 117.1289

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.2393, 83.5292, 27.4070



28.2698, 21.1611, 86.6040

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.7038, 83.5292, 173.8564



71.2393, 83.5292, 27.4070



71.3014, 83.5292, 213.8526

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2393, 83.5292, 27.4070



51.9511, 83.5292, 117.3553



88.1441, 83.5292, 213.7621



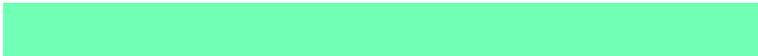
115.1111, 83.5292, 68.8346

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2393, 83.5292, 27.4070



53.4079, 83.5292, 57.0638



88.1441, 83.5292, 213.7621



112.6754, 83.5292, 136.1354

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.2413, 83.5331, 27.4087



89.1624, 97.6449, 77.9003



45.1745, 31.3959, 18.7191



18.9430, 20.8434, 15.9292



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

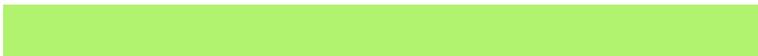
The Same Dimension uses a secret algorithm to generate beautiful new colors.



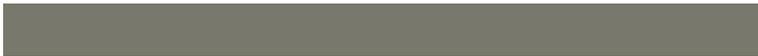
71.2413, 83.5331, 27.4087



78.8104, 93.5038, 23.4006



52.6425, 73.9450, 26.5383



17.1229, 18.4590, 16.8102



36.7266, 44.2548, 6.6063



3.0553, 3.6816, 0.5496

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



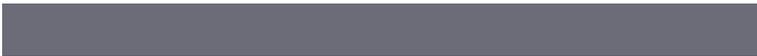
28.2698, 21.1611, 86.6040



25.7879, 16.5431, 96.4417



39.7318, 27.0700, 87.1404



14.8974, 15.2288, 19.8759



8.6100, 3.4440, 45.3388



0.7163, 0.2865, 3.7718

Previews

White Background



This preview shows how the XYZ color 71.2393, 83.5292, 27.4070 looks on a white background.

Color Contrast Check

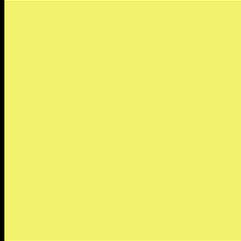
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.2393, 83.5292, 27.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2393, 83.5292, 27.4070

Background



This preview shows how black text looks on a background with the XYZ color 71.2393, 83.5292, 27.4070.

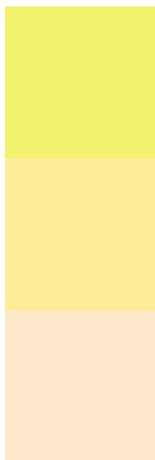


This preview shows how white text looks on a background with the XYZ color 71.2393, 83.5292,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.2393, 83.5292, 27.4070

Protanopia

76.9852, 83.5508, 42.2064

Deuteranopia

81.1161, 83.3810, 69.5765



Tritanopia

85.4648, 83.3394, 97.9678

Trichromacy



Original Color

71.2393, 83.5292, 27.4070



Protanomaly

74.5863, 83.3080, 36.1937



Deuteranomaly

76.7705, 83.2552, 50.5517



Tritanomaly

78.5271, 82.5873, 64.0267

Monochromacy



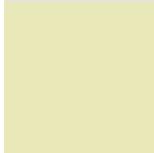
Original Color

71.2393, 83.5292, 27.4070



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

70.8923, 78.3718, 57.2898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2393, 83.5292, 27.4070 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 242, 111)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 111)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 242, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 111) }
```

Border

The CSS property to change the border of an element to XYZ 71.2393, 83.5292, 27.4070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 242, 111) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 242, 111) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 242, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 111);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2393, 83.5292, 27.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 111) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
242, 111) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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